AMENDED CLAIMS

[received by the International Bureau on 9 June 2003 (09.06.03); claims 1, 3 and 4 replaced by amended claims, claims 2 deleted; all other claims unchanged (2 pages)]

1.[Amended] A method for connecting to Internet using a mobile terminal comprising the steps of:

(a) receiving an internet connection request signal from the mobile telephone;

(b) determining if the received internet connection request signal is a number domain connection request signal and determining if the number domain exists in pre-stored number structure;

(c) converting the number domain into a letter domain if the number domain exists in the pre-stored number structure, wherein the number domain comprises at least one of a contents classification number, a first domain number and a second domain number;

(d) transmitting web site information corresponding to the converted number domain to the mobile terminal.

2.[Deleted]

3. [Amended] The method of claim 1, wherein the fist domain number is a highest level domain.

4. [Amended] The method of claim 1, wherein

the second domain is a number corresponding to a name of a site.

5. The method of claim 1, wherein

the number domain is a number corresponding to letter designated on a key pad of the mobile terminal.

6. The method of claim 1. wherein

the number domain is determined arbitrarily by a user.

7. The method of claim 1, wherein

the said step (d) transmits the website information in divided size corresponding to the size of LCD of the mobile terminal.

8. The method of claim 1, wherein:

the number domain connection request signal comprises a identifier for identifying the number domain connection request signal, a number domain which a use inputted and a user index for identifying the user.

9. A method for connecting to internet using a mobile telephone

comprising the steps of:

receiving an internet connection request signal from the mobile telephone;

determining if the received internet connection request signal is a number domain connection request signal or a letter domain connection request signal;

analyzing number structure of the number domain if the number domain connection request signal is received;

determining if the analyzed number structure exists in pre-stored number structure;

converting the number domain into a letter domain if the analyzed number domain exists in the pre-stored number structure; and

transmitting information of a site corresponding to the converted letter domain through a network.

10. The method of claim 9 further comprising the steps of:

receiving a number domain information corresponding to a letter domain of a site from an operator of the site;

determining if a same number domain information exists in pre-stored number domain; and

registering the received number domain as a number domain of the site if a same number domain does not exists in pre-stored number domain.

11. The method of claim 9 further comprising the step of

registering at least one of the number domain or the letter domain corresponding to the site.

12. A method of connecting wireless internet using number-base domain comprising the steps of:

receiving an internet connection request signal and key data which includes number from a mobile terminal through a wireless network;

converting the key data into a domain name using a predetermined regulation or a conversion table;

routing so that a use connects to a site corresponding to the domain name.

13. An internet connection system using a mobile telephone comprising:

means for receiving an internet connection request signal from the mobile telephone;

means for determining if the received signal is a number domain connection request signal or a letter domain connection request signal;

means for determining if the number domain exists in pre-stored number structure if the received signal is the number domain connection request signal; and

means for transmitting information of a site corresponding to the converted domain through a network.

14. The system of claim 13, further comprising

means for receiving a number domain information corresponding to a letter domain from an operator of an internet site;

means for determining if a same number domain as the received number domain exists in pre-stored number domain; and

means for registering the received number domain as a number domain of the internet site if a same number domain as the received number domain does not exists in pre-stored number domain.

15. An internet connection system using a mobile terminal comprising:

means for receiving domain information along with an internet connection request signal from the mobile terminal;

means for determining format of the received domain information;

means for analyzing number structure of a number domain if the received domain information is the number domain;

means for determining if the analyzed number structure exists in pre-stored number structure; and

means for converting the number domain into a letter domain corresponding to the analyzed number structure.

16. A system for connecting wireless internet using number-base domain comprising:

a memory where program is stored;

a processor executing the program couple to the memory;

wherein the process performs comprising the steps of ,

receiving domain information from a mobile terminal;

if the received domain information is a number domain information, determining if the number domain information exists in pre-stored number structure;

converting the number domain into a letter domain if the number domain information exists in the pre-stored number structure; and

transmitting information of a site corresponding to the converted domain to the mobile terminal through a network by the program.

17. A system for connecting wireless internet using number-base domain comprising,

a memory where program is stored;

a processor executing the program couple to the memory;

wherein the process performs comprising the steps of ,

receiving an internet connection request signal and domain information from a mobile terminal;

determining a format of the received domain information;

if the received domain is a number domain, analyzing number structure of the number domain;

determining if the analyzed number structure exists in pre-stored number structure;

converting the number domain into a letter domain corresponding to the analyzed number structure if the analyzed number structure exists in pre-stored number structure; and

transmitting information of a site corresponding to the converted domain to the mobile terminal through a network by the program.